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50 Ohm Transmission and Computer Cable

RG-8X and RG-8/U Type

Jameco Part Number 232768 (8214-010-500)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Conductor (stranding) Diameter Nom. DCR	Nominal Core OD Inch	Nominal Core OD mm	Shielding Materials Nom. DCR	Nominal OD Inch	Nominal OD mm	Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance pF/Ft.	Nominal Capacitance pF/m	Nominal Attenuation MHz	Nominal Attenuation dB/ 100 Ft.	Nominal Attenuation dB/ 100m
RG-8X Type • 16 AWG Stranded (19x29) .058″ Bare Copper • 95% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**9258**	NEC: CM CEC: CM	U-500 500 U-1000 1000▲	U-152.4 152.4 U-304.8 304.8	20.0 20.0 40.0 40.0	9.1 9.1 18.2 18.2	16 AWG (19x29) .058″ BC 4.3Ω/M′ 14.1Ω/km	.155	3.94	BC Braid 95% Shield Coverage 3.3Ω/M′ 10.8Ω/km	.242	6.15	50	82%	24.8	81.4	1 10 50 100 200 400 700 900 1000	.3 .9 2.1 3.1 4.5 6.6 9.1 10.7 11.2	.8 2.9 6.9 10.2 14.8 21.7 29.9 35.1 36.7
▲1000 ft. put-up also available in White.																			
RG-8/U Type • 13 AWG Stranded (7x21) .085″ Bare Copper • 97% Bare Copper Braid Shield																			
Polyethylene Insulation • Black PVC Jacket																			
75°C	**8237**	NEC: CMH CEC: CMH FT1	100 500 1000	30.5 152.4 304.8	13.3 56.5 112.0	6.0 25.7 50.9	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
JAN-C-17A																			
Polyethylene Insulation • Black Non-contaminating PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	**9251**	NEC: CMX CEC: CMX	500 1000	152.4 304.8	58.0 115.0	26.4 52.3	13 AWG (7x21) .085″ BC 1.9Ω/M′ 6.2Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.2Ω/M′ 3.9Ω/km	.405	10.29	52	66%	28.5	93.5	1 10 50 100 200 400 700 900 1000 4000	.2 .6 1.3 1.9 2.8 4.2 5.9 6.9 7.4 23.2	.5 1.8 4.3 6.2 9.2 13.8 19.4 22.6 24.3 76.1
MIL-C-17D																			
RG-8/U Type • 11 AWG Stranded (7x19) .108″ Bare Copper • 97% Bare Copper Braid Shield																			
Foam Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 80°C)	**8214**	NEC: CM CEC: CM	100 500 1000	30.5 152.4 304.8	14.2 61.0 121.0	6.5 27.7 55.0	11 AWG (7x19) .108″ BC 1.2Ω/M′ 3.9Ω/km	.285	7.24	BC Braid 97% Shield Coverage 1.1Ω/M′ 3.6Ω/km	.403	10.24	50	78%	26	85.3	1 10 50 100 200 400 700 900 1000 4000	.1 .5 1.2 1.7 2.6 3.9 5.6 6.5 7.0 21.5	.5 1.7 3.9 5.6 8.5 12.8 18.4 21.3 23.0 70.5

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.